

ENGINEERING CHANGE NOTICE
DART AEROSPACE LTD

MPP

Date: 11.08.17	Job No.: RD2385	ADR Yes/No: Y	ADR Date:	ECN #: 11- 624
Product No.: D205-634/D204-635	Created By: RF	Approved By: <i>[Signature]</i>		
Product Name: Skidtube Installation	Checked By: <i>[Signature]</i>	General Manager Approval: <i>N/A</i>		

Distribution	Reqd	Resp	Initial / Date
Production Manager / Coord.	Y	LL/JLM	<i>[Signature]</i>
Purchasing Coord.	N		
Production Engineering Coord.	Y	EC/DD	

Distribution	Reqd	Resp	Initial / Date
DQA / QA Coord.	N		
QC Coordinator	N		
Customer Technical Support	Y	MB/DS	
Marketing	Y	SW	
Customer Order Processing	N		

Reason for Change: Release D205-634-111/-141/-143 & D204-635-111/-141/-143 Skidtube/ Training Wearplates Kits

Documents Affected:

MDL-D205-634 Rev. <i>O P</i>	D2580 Rev. E	D4408 Rev. A
D205-634 Rev. G	D2590 Rev. E	D4409 Rev. A
ICA-D205-634 Rev. 4	D2597 Rev. E	D2916 Rev. C
D204-635 Rev. G	D4406 Rev. A	
ICA-D204-635 Rev. 4	D4407 Rev. A	

PARTS MUST COMPLY ☐ **PREVIOUS PARTS SATISFACTORY** ☒

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	N			
5	Update Master Document List (MDL)	Y	RF	MDL-D205-634 Rev. O	<i>11.08.17</i>
6	Update Product Compatibility Matrix	N			
7	Create Eurocopter Form (FEE)	N			
8	Notify TC / FAA of Change	N			
9					

#	Document Control Actions	Reqd	Resp	Notes	Complete
10	Move Electronic Files/Design Journal	Y	KJ		
11	Update Blue/Pink/DSI Folder and Electronic Files	Y	KJ		<i>11.08.30</i>
12	Update Approved/Preliminary Dwg PDF Files	Y	KJ		<i>11.08.29</i>
13	Update Document Record (DR)	N			
14	Update Product Development Summary	N			
15	Update QSI 021 and/or STC Approval List	N			
16	Update Parts / STC Database	Y	KJ		<i>11.08.30</i>
17	Update / Verify ARC Database	Y	KJ		<i>11.08.30</i>
18	Create / Update Change Record Form / Item Card Database	Y	KJ		<i>11.08.30</i>
19	Create / Update PPP's	Y	KJ		
20	Red Decals required?	Y	KJ		
21	Update Document Control Database / Laminated Dwgs	N			
22	Update Grey Project / Electronic Binder PDF Files	Y	KJ		
23	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		
24					

Description / Action:

Create/Update routing for parts per drawings
 Create/Update water jet files per drawing
 Need to do fit check on D4408-041/-043 prior to making multiple units
 D205-665-015 at CHG 003
 D205-634-111/-141/-143 at CHG 001
 D204-635-111/-141/-143 at CHG 001

[Handwritten: Bous/Routings]

[Handwritten: w/o's made 11.08.26]

ECN Verified & Complete: _____ Date: _____



Linda Lacelle

From: David Shepherd <dshepherd@dartaero.com>
Sent: August 19, 2011 4:23 PM
To: 'Bill Beckett'
Cc: 'MO'; 'Spyke Whiting'; 'Steve Joseph'; steffen@darths.com; 'Peggy McDonald'; Robbin Fraser; Holly Menard; Jennifer Renwick; Carrie Pearson; Shirley Hay; Linda Pilon; 'Willems, Sian'; llacelle@dartaero.com; 'Stow, Dan'; 'Robert Fuentes'; 'Marc Bellavance'; 'Kim Johnston'
Subject: Medium Bell Training Wearplates Now Approved
Attachments: D204-635RevG.pdf; D205-634RevG.pdf

Bill,

Per D205-634 Rev G and D204-635 Rev G attached, the Training Wearplates for the Medium Bell Skidtubes are now TC/FAA/EASA approved. The wearplates are thru bolt and eliminate the inserts on the bottom of the skidtube.

For 205/210/212/214/412, we have the following new part numbers:

- a) D205-634-111 – Complete Skidtube/Saddle Kit with Training Wearplates (fits LH and RH)
- b) D205-634-141 – Replacement Skidtube with Training Wearplates (fits LH and RH)
- c) D205-634-143 – Retrofit Training Wearplate Kit (fits LH and RH)

For 204, we have the following new part numbers

- a) D204-635-111 – Complete Skidtube/Saddle Kit with Training Wearplates (fits LH and RH)
- b) D204-635-141 – Replacement Skidtube with Training Wearplates (fits LH and RH)
- c) D204-635-143 – Retrofit Training Wearplate Kit (fits LH and RH)

Kim,

All signed paperwork will be sent to Hawkesbury on Monday with an ECN for release.

David

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Linda Lacelle

From: Bill Beckett <bbeckett@dartaero.com>
Sent: September 7, 2011 11:09 AM
To: Sian Willems
Cc: llacelle@dartaero.com
Subject: FW: Medium Bell Training Wearplates Now Approved
Attachments: D204-635RevG.pdf; D205-634RevG.pdf

Sian,

As discussed, please review sales forecast (from our PEF) for this new kit with Linda so that she can plan inventory. Please give Peggy a quick call before you meet; she might have some insight for you.

Thanks,

Bill

From: David Shepherd [mailto:dshepherd@dartaero.com]

Sent: August 19, 2011 4:23 PM

To: 'Bill Beckett'

Cc: 'MO'; 'Spyke Whiting'; 'Steve Joseph'; steffen@darths.com; 'Peggy McDonald'; Robbin Fraser; Holly Menard; Jennifer Renwick; Carrie Pearson; Shirley Hay; Linda Pilon; 'Willems, Sian'; llacelle@dartaero.com; 'Stow, Dan'; 'Robert Fuentes'; 'Marc Bellavance'; 'Kim Johnston'

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For 204, we have the following new part numbers

- a) D204-635-111 – Complete Skidtube/Saddle Kit with Training Wearplates (fits LH and RH)
- b) D204-635-141 – Replacement Skidtube with Training Wearplates (fits LH and RH)
- c) D204-635-143 – Retrofit Training Wearplate Kit (fits LH and RH)

Kim,

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David

Item	634 -111	634 -141	634 -143	641 -011	Part Number	Description
	X				D205-634-111 ✓	SKIDTUBE INSTALLATION (STANDARD) WITH TRAINING WEARPLATE
	1	X			D205-634-141	REPLACEMENT SKIDTUBE WITH TRAINING WEARPLATE
			X		D205-634-143 ✓	TRAINING WEARPLATE KIT
	1			X	D205-641-011	GROUND HANDLING KIT
1		1			D2580-047	205 SKIDTUBE ASSEMBLY (STANDARD)
2A		8			D2594-1	* PLUG
2B		8			D2594-3	* O-RING
3		1			D2855	* AFT CAP
4		2			AN3-5A	* BOLT
5		2			NAS1149D0332J	* WASHER (AN960JD10L)
13		2			ALS4-1032-225 ✓	* INSERT
14		1	1		D4406-041 ✓	* FWD WEARPLATE ASSEMBLY
15		1	1		D4406-043 ✓	* AFT WEARPLATE ASSEMBLY
16		8	8		AN4-45A →	* BOLT <i>DVNU</i>
17		16	16		D2570	* BUSHING
18		8	8		MS21042L4	* NUT (OR MS21042-4)
19			4		D2579	* SPACER
20	1				D2571	SADDLE, FWD OUTSIDE
21	1				D2572	SADDLE, FWD INSIDE
22	1				D2573	SADDLE, AFT OUTSIDE
23	1				D2574	SADDLE, AFT INSIDE
24	8				AN4-51A	BOLT
25	16				D2570	BUSHINGS
26	8				MS21042L4	NUT (OR MS21042-4)
27	8				AN6-12A	BOLT
28	8				NAS1149D0668J	WASHER (AN960JD616)
29	16				AN4-6A	BOLT
30	32				NAS1149D0463J	WASHER (AN960JD416)
31	16				MS21042L4	NUT (OR MS21042-4)
32	4				D2747	SET SCREW
33	2				D3533-1	SET SCREW
40	1				D3407-041	TOW RING (REPLACES D2968-041)
41	1				D3456-1	WASHER
43	1				MS21043-4	NUT
44	2				D3417-5	WASHER
50				1	D3405-041	LUG ASSEMBLY (REPLACES D2736-1)
51				1	D3405-043	LUG ASSEMBLY (REPLACES D2736-3)
52				4	AN4C46A	BOLT
53				8	D2570	BUSHING
54				4	MS21043-4	NUT (OR MS21042-4)
60	2				D2876	SADDLE SPACER
61	2				D2877	SADDLE SPACER

*DENOTES THAT PART IS INCLUDED WITH D2580-047 ASSEMBLY ABOVE

D4407-1 x 8 ✓
D4407-3 x 8 ✓

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32-00-00

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries